

FOR TRAINING USE ONLY



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HANDLING INSTRUCTIONS

1. This publication consists of handling and operating instructions and 8 cipher tables. These tables are divided into 1 sets with 8 periods each. A "set" is designed to comprise a seven day period with one spare cipher table. To ease identification of a new set, a thick line is placed at the bottom of the page for the first period of the set.

2. The spare (8th) period is for use at the discretion of the units controlling authority.

3. The controlling authority will designate holders to whom this publication will be distributed and will establish the implementation date of the material.

4. Individual cipher tables may be removed for use or destruction

5. This publication may be used only for training. It may not be used to encrypt operational traffic.

SECURITY PRECAUTIONS

1. Encrypt no more than 15 characters with a single set indicator

2. Use only random letter combinations as set indicators

3. Each table has cleartext numbers and letters after the 6th, 12th and 18th lines. These are to ease identification on characters. Do not use these as cipher values.

OVERVIEW

The cipher tables are designed to allow easy use. They contain three major components.

1. Line indicator columns. Line indicator columns are used in identifying the row to be used
2. True value reader guides. Reader guides are used to identify the ##### and are not used as cipher values
3. Cipher values.

True Value Reader Guides



	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	DEGU	VTQ	RHF	MB	SK	PYW	JI	LA	ON	XC
B	IGQL	EAK	JHC	YB	NR	VMX	DP	SO	UT	FW
C	VYRI	EOP	XJF	BG	CW	HUT	NS	DQ	KA	ML



Line Indicator Column

CHALLENGE AND RESPONSE AUTHENTICATION

AUTHENTICATE WHEN:

- * Deception is suspected
- * Challenged or requested
- * Radio contact made
- * Communications instructions given
- * Orders transmitted
- * Orders cancelled
- * Enemy contact reporting
- * A classified message is sent

To AUTHENTICATE:

1. Choose two random letters (except Z).
2. Identify the first random letter in the left column
3. Move right on same line to the second letter
4. Proper authentication is one letter down
5. ALWAYS use the phonetic alphabet to communicate authentication values.

EXAMPLE:

RECEIVER Challenges:

"Authenticate Alpha Kilo"

CALLER Replies:

"I Authenticate Romeo"

	ABC	DEF	GHI	JKL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	DEGU	VTQ	RHF	MB	SK	PYW	JI	LA	ON	XC
B	IGQL	EAK	JHC	YB	NR	VMX	DP	SO	UT	FW
C	VYRI	EOP	XJF	BG	CW	HUT	NS	DQ	KA	ML

ANSWER: "R"

ONE WAY AUTHENTICATION

USE ONE WAY AUTHENTICATION WHEN:

- * Authentication is necessary
- * Not possible for the receiving station to reply
- * Its undesirable for the receiving station to reply

PRE-DETERMINED GROUP NUMBERS

Group numbers will be assigned by the controlling authority in advance. They can be based on units, individuals, nets or any other reasonable group.

To AUTHENTICATE:

1. Caller chooses a two letter digraph (two characters used as the authentication string) under the pre-agreed unit column number.
2. Caller transmits digraph after the message using the proword "Authentication [say digraph string phonetically]"
3. Receiver verifies the digraph is in the pre-agreed column
4. Receiver and all other units using the same column number, line through the used digraph to prevent them from being used again.

EXAMPLE:

CALLER:

"Charlie Niner Alpha, This is Charlie Zero Hotel, do not answer, airdrop with commence at drop zone Alpha, Time One Three Hundred, Authentication is Echo Yankee"

RECEIVER:

Verifies that the transmitted digraph is present in the pre-defined unit column, and has not been used before. The user does not reply, but lines out the used digraph to prevent reuse

Transmitted Authentication Digraph

Pre-determined Unit Number

01	02	03	04	05	06	07	08	09	10
NP	TR	SX	FH	WM	SI	DD	CK	OB	BQ
UF	WV	KG	MQ	YP	FL	EY	CX	VI	ER
UW	AY	AD	JO	EK	EY	QA	UB	GG	RE
VW	QA	UT	XQ	BC	IW	ZJ	UZ	ME	NQ
OS	PF	TJ	GA	PX	EL	TV	LO	PJ	ER

Callsign Table

	1	2	3	4
Unit 1	Q6Q	L8C	A1E	A6J
Unit 2	H1L	L6A	P4T	B6V
Unit 3	X1A	G0Q	U6G	L1C
Unit 4	N1G	S1W	B4Z	N8R
Unit 5	N5C	H5S	D4V	D7X
Unit 6	T5P	Z9S	C4V	I1Z
Unit 7	E2L	E7I	W2V	Y5K
Unit 8	Q6W	M7P	K5C	Z5B
Unit 9	R6N	M9R	M1X	Y2Q
Unit 10	G1X	C0L	M7C	J2X
Unit 11	Y6L	B6Z	C2Q	Q7O
Unit 12	I2S	G1Z	W4D	T5F
Unit 13	F9Y	H3E	F2V	R3K
Unit 14	Q4R	G0L	V3S	N6X
Unit 15	N4I	Q2W	W4V	V7E
Unit 16	A9L	V6T	F2F	X5G
Unit 17	J3Q	C8G	Z4T	I0Z
Unit 18	F9L	A7F	F7E	R5U
Unit 19	L7B	W0Y	N1V	U1G
Unit 20	N5H	N7F	Z7Z	E9S
Unit 21	I6H	C0B	D6U	S5W
Unit 22	Q0A	M8F	S3S	A8L
Unit 23	F8E	F9D	X3U	E4V
Unit 24	G5M	B2A	X9C	Y4X
Unit 25	D1G	W1D	I3Y	M5Y
Unit 26	Q4H	K6S	G9G	S9O
Unit 27	T8M	W8W	T9A	A8D
Unit 28	D1N	C6C	B2O	J7F
Unit 29	B9D	I6C	W4Z	I2U
Unit 30	F0T	F0P	J2T	X3J

Callsign Table

	1	2	3	4
Unit 1	Z3R	O7J	T7I	X1Z
Unit 2	A9K	A2R	V4S	O7U
Unit 3	E0Z	X9H	H9S	Z4L
Unit 4	I2G	Q1J	Q1I	A1Q
Unit 5	S0D	K5V	E7X	E6X
Unit 6	M9V	E9I	Q2P	W8T
Unit 7	F4Y	O5D	E2E	H6T
Unit 8	D7M	B9D	Y4C	U6Z
Unit 9	C2F	S0C	M2P	K8C
Unit 10	O0I	T2Y	M4T	Y4S
Unit 11	C3D	E1T	D2Y	J9A
Unit 12	M4I	B8E	E4E	M1M
Unit 13	L6X	E5J	W6T	Z8Y
Unit 14	T9F	R3E	S8Q	B8N
Unit 15	F0Y	K5D	X9U	U1J
Unit 16	E0B	X0W	V7W	B4E
Unit 17	G1Z	W1W	J4X	I8L
Unit 18	M7L	G5O	Q6P	R5P
Unit 19	O4I	K4U	P7Y	P5D
Unit 20	L9O	I2J	U7C	F0P
Unit 21	U6G	J3V	Z9G	I3S
Unit 22	C9L	A5A	D9Z	R2G
Unit 23	B0A	D2B	S0S	Y4B
Unit 24	U4Z	B7H	U7F	F8T
Unit 25	F9R	F6Z	M6B	M7I
Unit 26	O4K	G4V	H2Y	P0T
Unit 27	V2O	O4M	G6C	F1S
Unit 28	H6M	P1Z	A4K	W7Q
Unit 29	C0X	B6Y	U4F	J0R
Unit 30	V3J	X5N	Q8E	D4I

Callsign Table

	1	2	3	4
Unit 1	C4U	M2O	D3Q	A4H
Unit 2	Y2U	D5W	V3E	E3S
Unit 3	S9N	W0Y	F1J	Z6R
Unit 4	O7A	E7L	M7R	G8G
Unit 5	D6Q	H8Y	Z5W	M4Y
Unit 6	L6C	V5S	M1M	M3H
Unit 7	Y8Z	Q0W	W2O	N4L
Unit 8	L4A	I9K	G4A	I2Q
Unit 9	A6U	N1D	U1Y	U7A
Unit 10	R6F	F1S	R5E	R9D
Unit 11	C1N	D4T	T4K	N0P
Unit 12	R8S	P6M	P2D	V5H
Unit 13	N1W	S8T	V9X	I0J
Unit 14	C8V	M3W	C0R	U6H
Unit 15	H2O	K0C	S5G	O2C
Unit 16	I0B	G4C	P5X	L9H
Unit 17	H0H	Z8W	H1C	V6D
Unit 18	X3S	E8Z	H2B	I4M
Unit 19	L0Z	J4Z	Q7B	Y7Y
Unit 20	U0D	X8T	A7B	T9X
Unit 21	S2D	T5O	G0P	F4B
Unit 22	F0V	H9O	F7P	J6L
Unit 23	C7G	E4F	C1M	F9B
Unit 24	T1C	I3N	K5O	F8N
Unit 25	U0H	K4Z	C7D	H8H
Unit 26	T0F	V7J	X1T	K5I
Unit 27	Z7E	M5H	U9S	U7H
Unit 28	M8A	P1V	X8W	N6T
Unit 29	H0G	P9Y	U4M	B2K
Unit 30	C5Z	D1C	Y0Z	U1R

Callsign Table

	1	2	3	4
Unit 1	L7H	E9I	K5I	J3U
Unit 2	V4B	F2D	J3Q	J4T
Unit 3	L4V	L2A	D6S	L8R
Unit 4	T2H	B5Q	W4C	Y6J
Unit 5	B9S	R3E	L7P	G2U
Unit 6	H3L	Z8G	R5M	Y6B
Unit 7	P5L	S4B	B5B	T2K
Unit 8	X6F	M9M	H1W	T1R
Unit 9	A8H	M8Y	N4M	Z1Y
Unit 10	B1M	D9R	N8I	T3G
Unit 11	F6L	B4Q	T4M	A9H
Unit 12	Z4R	L4U	J4Z	W5X
Unit 13	N1T	W8C	C0T	O1E
Unit 14	E9P	R9M	Y9Y	Q3I
Unit 15	L7U	K5J	H0L	B9I
Unit 16	E0K	Y6O	C8L	R4K
Unit 17	E4H	C0Q	L5J	G9Y
Unit 18	P2B	B2Z	J4B	T3R
Unit 19	H4M	T1Y	D3K	L4M
Unit 20	C8A	M1Y	L6E	M7L
Unit 21	M0X	N8G	F1S	R8W
Unit 22	Q0E	B4P	N5M	N0P
Unit 23	M5H	Q0A	C4C	Z0X
Unit 24	G2A	Z9X	V5Y	A6K
Unit 25	Q1Z	D6B	S1P	Z7P
Unit 26	Z8B	B8C	Z0I	Z0G
Unit 27	X8U	V9K	G5N	F6F
Unit 28	H3J	X3D	M3Z	O3V
Unit 29	Q3X	Z3Z	F2W	Z0U
Unit 30	K3I	Y5A	D8J	M7T

Callsign Table

	1	2	3	4
Unit 1	Q2B	P7M	L4V	J3E
Unit 2	I5L	F5N	Z9V	I9J
Unit 3	I0F	S5Y	L1E	N7Y
Unit 4	Z2J	V5T	Z9J	L1Y
Unit 5	Y0Y	U4W	E7X	K4L
Unit 6	J8P	N4J	M3O	V2D
Unit 7	P1A	Y6D	X5G	V3Q
Unit 8	R5K	O9V	A3S	P8D
Unit 9	Y3N	N1S	Q7Y	R6O
Unit 10	V5E	B4O	S0C	C6B
Unit 11	X6K	Q2G	U2O	H7S
Unit 12	A3M	Y0E	N8T	R8E
Unit 13	F5G	I6X	K5P	U2W
Unit 14	A0C	P3U	H3E	T3E
Unit 15	X8A	R4W	V7L	B0D
Unit 16	Z4S	O2Y	L3Y	N8G
Unit 17	I1P	M9X	Q8S	Q5F
Unit 18	N3Y	Z4A	C4M	U0T
Unit 19	S4B	R9Z	X2E	N7D
Unit 20	K3Z	C9O	I5Y	G4J
Unit 21	G5U	T3U	M0G	O7E
Unit 22	N6K	R1D	U5M	U6M
Unit 23	I9Z	G2M	Q5B	L2L
Unit 24	G7N	M3H	Q8Y	B5C
Unit 25	F3R	R1I	E4I	E7O
Unit 26	Q3B	R8I	D0C	Q5K
Unit 27	X1G	W2U	Z4C	Q1F
Unit 28	Y3R	H4K	V1U	X8P
Unit 29	G9Q	I5E	T4J	Z3Q
Unit 30	T3D	W9H	C9Q	T1C

Callsign Table

	1	2	3	4
Unit 1	E0F	Y9A	N1Y	E5N
Unit 2	J2Z	T2I	K0R	N8P
Unit 3	V9N	L7S	O8T	T8R
Unit 4	U3W	T5K	G9R	F6X
Unit 5	O0Y	F5U	V3T	I8L
Unit 6	B3I	U1E	M9N	I6B
Unit 7	T8Z	K1Q	I6R	G8H
Unit 8	B7R	U0N	G1W	P9A
Unit 9	T3Y	G7P	I4M	H8P
Unit 10	X1H	P4F	W4X	N2Z
Unit 11	A5C	X1A	X8K	V0D
Unit 12	L4P	Y6M	O5R	V1D
Unit 13	A0P	Y5X	Y5K	A4N
Unit 14	A3J	L2M	O6W	E6O
Unit 15	R1D	J9I	M0I	C9X
Unit 16	Z8M	K9Z	X9J	H3Q
Unit 17	T9H	P1X	E8B	I1A
Unit 18	Q6B	Z7A	W7X	J1V
Unit 19	I0U	S3E	J0D	Q6H
Unit 20	O8C	P1H	Q7Y	R7R
Unit 21	S6L	Q9O	M3P	G0Y
Unit 22	L3A	P0S	X5O	Z1S
Unit 23	H8M	F5G	X2W	I8V
Unit 24	X3D	N5E	L0P	M6Q
Unit 25	E5F	S5K	L7F	Y0T
Unit 26	E9Z	A2V	W1E	Z6T
Unit 27	E0V	U5L	K7Z	Q4M
Unit 28	B8H	H7H	A9F	Z9L
Unit 29	V8O	Z8E	T0G	O7U
Unit 30	Z2M	Z8X	L8U	T1O

Callsign Table

	1	2	3	4
Unit 1	A1O	G1N	R9J	F9F
Unit 2	K6F	Q2A	L2F	X1B
Unit 3	V6Y	Q3B	E4F	S6J
Unit 4	G3I	Q5G	V9X	B5C
Unit 5	B0I	H9M	I7D	H3N
Unit 6	I5X	O2O	Y5W	G1K
Unit 7	M9J	J0X	M1Y	U3V
Unit 8	H7P	K0Z	Y3N	V9V
Unit 9	K8J	H1O	S5N	B9O
Unit 10	Z4R	X2B	T5U	J9V
Unit 11	I9E	W7C	R1Y	B4B
Unit 12	P1R	D2Q	S1C	K1J
Unit 13	M8Y	H1X	C5V	G3O
Unit 14	I0S	H1E	J7I	A8O
Unit 15	Q5T	T9V	C4R	A7X
Unit 16	Y8K	U0U	J4W	B6Z
Unit 17	G0S	P0P	D7E	W4E
Unit 18	S5Q	K5J	H5F	S2H
Unit 19	M6R	J7K	J9L	B5M
Unit 20	R6F	W5Q	A2E	R6T
Unit 21	B9G	H6O	O1E	G5X
Unit 22	Q8W	B9K	O5B	T4P
Unit 23	K4W	P1N	I2L	P4B
Unit 24	D0F	I2S	F9O	B9M
Unit 25	M5C	O3N	E7A	A3E
Unit 26	N6K	Y2X	A3Y	G6F
Unit 27	Z9D	N9D	A4R	C0A
Unit 28	Q1T	Q1B	U7R	E6X
Unit 29	B6G	A9Y	G8W	N4I
Unit 30	F5I	F1N	Y7S	A5K

Callsign Table

	1	2	3	4
Unit 1	R7B	P8T	W8R	V0O
Unit 2	R4Z	N9L	W1Z	E4E
Unit 3	S3Z	K3O	U0I	W6E
Unit 4	P4A	G2C	V9O	V5O
Unit 5	H3T	H5D	L2N	K6X
Unit 6	Z4Y	H2O	M8B	M1I
Unit 7	P9I	D8V	R0E	K3T
Unit 8	O8Z	C2Q	Z2B	X5I
Unit 9	M9F	O4I	X0I	F2D
Unit 10	A9F	F3P	Y9K	Y9Q
Unit 11	O9V	Q8I	Y3I	E9V
Unit 12	M8X	U0D	Y0A	D3J
Unit 13	S2H	C1G	T7F	O3C
Unit 14	X3N	G4L	B9H	Y7I
Unit 15	B7L	C8T	M5Z	T6E
Unit 16	A4Y	G9I	J8R	W1E
Unit 17	H2D	O1Y	X2R	I3N
Unit 18	B8B	B5T	G5E	F8D
Unit 19	N1A	F0E	J3K	N8O
Unit 20	L8U	D1D	Q2Z	S2O
Unit 21	L5D	P7Y	T2D	U4D
Unit 22	Y7L	J3I	X7D	S8H
Unit 23	W5N	W1U	K6H	N2A
Unit 24	M9G	P7R	T7M	E0U
Unit 25	N9O	R6L	Z5Y	M4D
Unit 26	G8U	O3A	O8A	V4T
Unit 27	M1M	Y3O	T8N	H5F
Unit 28	T5U	R9E	V2A	P7I
Unit 29	Q3E	Q1O	K6S	W6B
Unit 30	K3X	Y6L	D3Y	Y0Y

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
DW	ED	MY	LC	HQ	TL	FD	CX	AS	ZK
BW	IS	IM	BH	KD	FN	AJ	QM	IC	PP
SJ	BX	ME	VM	WU	XY	RG	QZ	TR	GD
VL	RV	VI	ID	LY	TE	HU	CU	ZY	HV
SE	TK	LK	JE	CQ	IX	CZ	SX	IB	BT
ZU	YH	PA	BO	YI	KR	NE	BY	OL	DQ
11	12	13	14	15	16	17	18	19	20
CL	NE	LG	CT	ID	NH	YM	ON	MQ	BL
ZM	DM	QE	LF	QP	VS	AJ	XM	QA	FY
ET	GC	GU	PT	LR	EK	DI	XU	NJ	AD
YW	WZ	FU	LW	UR	UY	KA	AQ	VQ	JG
HO	RL	WO	GJ	YG	NW	CK	VI	EG	EY
XY	WI	ZX	ZU	NJ	BV	YS	HV	GN	FE
21	22	23	24	25	26	27	28	29	30
US	BX	DX	FH	DJ	FB	IC	KI	AK	CO
UE	JS	WQ	ND	ET	IY	MJ	VP	GB	WK
LC	MT	FW	CF	HF	TB	JD	TF	TH	IX
BQ	WN	AS	CH	TZ	RE	BE	YH	BA	MI
FG	JO	JD	TD	KC	BL	TX	ZT	PB	AJ
BS	ND	WL	KX	MW	FR	DP	GM	SA	PD
31	32	33	34	35	36	37	38	39	40
DQ	PW	OO	QE	QR	NR	JB	UG	NF	EZ
CK	RF	ZX	SS	YH	VB	YL	XN	ZO	SQ
FF	HP	GC	WU	IA	TK	LK	PL	IH	DG
PZ	IO	KG	CK	UU	AZ	AI	PH	LL	BT
MU	DX	FT	IN	BM	UR	MC	FW	II	HD
CI	CC	QS	KB	DL	VQ	FY	OL	SW	ZT
41	42	43	44	45	46	47	48	49	50
JT	KV	WQ	SF	YA	IB	IL	EY	DO	AH
AV	YG	UM	RM	JQ	GS	KQ	OH	HH	MG
HV	HQ	GM	OK	AP	SA	LQ	GG	CY	TL
OZ	EZ	QT	GX	AS	DI	OL	YU	XN	FY
CY	YO	OF	VR	DO	DS	NI	RE	BX	CC
QG	KE	RI	ZO	WE	NZ	DL	NR	RI	JV
51	52	53	54	55	56	57	58	59	60
XM	NL	VE	PW	CR	YS	YJ	WP	SW	EO
BR	NE	DB	WV	KF	QH	SE	SN	II	KL
ZJ	DY	SA	NK	WS	ZX	KN	CN	OY	JY
DZ	GV	DY	JM	GT	XG	CB	EV	CS	GZ
KF	XU	SZ	IH	XR	GA	RM	WU	LG	HR
ZF	YC	GD	XI	VD	IG	IF	BB	EJ	IB

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
BO	CS	BZ	NM	FU	DE	ZC	GG	FD	PB
GX	HP	CI	QH	SZ	IU	OL	NP	KA	BP
VF	TV	IA	BN	ER	OL	PW	AR	FR	ZX
QH	SE	SF	UC	GW	RB	BL	XJ	MZ	XQ
QM	BF	IC	XN	TW	LK	ED	PX	JJ	ZP
FR	RH	DO	RP	NO	GE	AH	KJ	JH	XD
11	12	13	14	15	16	17	18	19	20
EI	NI	MC	GW	MG	MS	YD	ZB	SQ	RG
FY	KG	FU	QP	CN	TH	VG	QI	JW	EV
CR	OA	UN	CN	ET	TK	RE	RX	YH	NB
UG	IQ	NY	ZX	UE	SX	VH	XP	UZ	CZ
TW	JK	AA	IZ	HW	AC	CJ	TQ	IS	ND
WG	AR	NX	HH	XK	HQ	GQ	BH	RK	GZ
21	22	23	24	25	26	27	28	29	30
GH	BI	QU	ZY	NM	BJ	SC	BF	AI	NX
TU	NA	LP	HD	ZN	CF	UE	OL	ZN	KM
ZM	WS	OX	YO	GM	LZ	HZ	ZS	OG	VO
UY	TP	CI	AB	VK	NV	XJ	OL	HM	ZN
YL	MF	LM	YA	SU	OM	SI	CV	QC	WM
NK	IK	TW	WA	JW	OI	HA	OS	MM	SF
31	32	33	34	35	36	37	38	39	40
HH	SZ	PU	UG	XR	SL	BB	WV	YS	WH
OK	PW	KE	PX	QI	DY	PV	YE	QT	LN
KE	ZL	FV	HD	ND	LC	NB	ZY	FO	VV
WZ	UL	US	QL	LC	ZV	GY	HL	TO	PH
RA	KF	BJ	DG	XZ	CU	YW	GT	OX	FZ
ZE	VF	CD	QW	RG	EJ	GO	OI	YS	OW
41	42	43	44	45	46	47	48	49	50
RR	QQ	OW	JC	TO	CT	TY	YW	BP	ST
VX	DC	MR	KK	KZ	GB	QX	SE	UC	HO
RK	HK	JF	GK	VZ	ER	XH	TJ	ZD	UJ
DB	LT	YD	YS	GG	GX	QN	HA	TO	LP
OP	GL	WA	UV	DP	FG	QQ	AO	UY	HA
FO	XW	BF	WV	UH	LI	WR	TT	RO	PV
51	52	53	54	55	56	57	58	59	60
DU	CU	LD	JG	CQ	GH	EE	DG	KZ	CF
GN	ND	FH	WW	WM	SA	GU	US	XD	YZ
UF	HY	KK	FV	JH	AQ	VN	TA	VQ	XR
CP	RJ	KM	BI	PA	HJ	GP	IQ	ZO	LJ
WM	ZR	ZT	SV	KP	MM	EE	WP	QY	XG
ZF	QF	UZ	WT	NI	CK	UC	BT	VU	PF

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
JB	SO	GP	DW	NA	CM	FT	SA	SO	TG
WW	QQ	YS	KU	MZ	AW	BS	KH	IO	DV
PG	IU	AA	US	OO	YK	KO	BJ	GL	DT
KD	PL	WA	TE	OX	ZD	DI	YD	IT	WX
HU	HS	JI	BQ	UE	KE	IZ	QE	ZJ	IO
GI	RK	RQ	OZ	JK	WR	FE	JP	NK	GH
11	12	13	14	15	16	17	18	19	20
PQ	MX	PD	CP	NL	DU	UV	EL	MT	KV
EH	MK	MW	ZZ	HF	HW	VT	UL	WW	AK
IE	EC	AJ	NM	CY	IG	GV	RS	RQ	RY
WZ	VR	SQ	DP	ND	ZV	ID	XJ	NL	WP
JF	WP	AN	HS	EZ	RA	YM	RR	DU	GQ
YG	LH	KJ	RX	UN	ND	SJ	TT	XB	LB
21	22	23	24	25	26	27	28	29	30
AD	BZ	PT	QS	OX	JN	EU	VO	EM	MY
AZ	CT	JV	NH	XY	IY	BK	XR	EO	KT
MT	HQ	OC	FS	PS	RQ	RT	JB	PW	IM
VR	KX	BI	PG	XA	ZJ	UH	AJ	JF	CZ
YT	PP	NY	QD	VZ	QR	QA	PS	JF	YG
FY	QA	FQ	JP	WM	OU	FD	KT	CB	WY
31	32	33	34	35	36	37	38	39	40
AM	QQ	NF	JW	LH	DR	GT	RL	KB	AG
NO	BT	SL	MU	NI	SN	UI	EI	ON	EZ
VI	RB	BI	ML	KN	SX	CU	QU	FD	PT
LI	GG	RL	OF	YT	FU	BW	VD	FI	PQ
WH	NY	CE	TI	HI	BT	RH	AI	TP	OR
IU	LK	RH	NX	PC	NL	KA	KM	FE	UN
41	42	43	44	45	46	47	48	49	50
NV	HE	DH	MW	WB	OF	VA	PM	HC	JX
EW	JP	XU	BD	YW	QL	RX	PV	FC	RB
DG	HZ	GW	LO	YV	MD	SV	SQ	PT	TO
PJ	ZH	HP	CM	RU	OV	BV	UI	RG	WQ
BI	TU	EM	KU	GD	IW	NI	EU	XH	HP
BW	KD	RF	LJ	LI	AN	RU	IV	GS	QN
51	52	53	54	55	56	57	58	59	60
VZ	JJ	IN	DF	UL	VW	HG	ZZ	LK	JX
TJ	LK	ET	GK	MW	XI	WH	RE	UV	KP
GF	LN	ML	NX	WW	VP	FH	ZJ	BF	UN
CS	VY	AM	DU	IN	KO	TV	CF	GP	DC
LY	RR	GR	BH	XW	UZ	OP	YO	CC	JK
PT	ZI	PB	NV	QR	YC	PQ	TW	HU	DE

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
QX	EF	ND	UQ	FE	BV	YA	EN	CR	JT
IH	VY	XP	UF	KY	KB	VP	HJ	SB	AY
GB	UE	CY	RF	PA	ZY	IU	XG	KS	MV
QW	WM	MD	WF	FW	DL	YY	QA	WH	GM
IF	KR	AI	XK	BK	FR	HC	ET	GA	YL
WC	XU	AN	VW	VB	IE	GT	VG	CT	RD
11	12	13	14	15	16	17	18	19	20
DX	VK	AZ	DG	ZC	SW	FQ	RF	EM	CZ
OL	DV	FZ	CH	SU	KW	RG	HS	FK	ZF
NR	CS	IT	YM	GB	MV	MQ	QR	PT	ZI
NK	EF	QL	XV	WW	BK	OD	DW	XC	JD
DV	ZQ	MP	IB	IH	KV	RO	BI	AY	EX
VF	IJ	JL	GG	NQ	KQ	LJ	HY	ZP	ZH
21	22	23	24	25	26	27	28	29	30
WJ	DO	YE	WZ	DA	XZ	GF	JP	QP	WE
FG	UR	PC	PP	RP	WO	ZA	DY	FZ	YJ
AV	IG	AR	WR	HS	VN	YQ	FO	SV	DK
LA	YK	BB	JH	BH	QC	DZ	ID	QF	VY
XR	LW	HR	LA	MP	KX	PI	IR	KR	YL
ZP	NC	OW	GF	CB	DZ	SP	WA	GH	AS
31	32	33	34	35	36	37	38	39	40
WK	QM	TY	EE	QC	QP	RE	RG	AX	LD
ZP	DR	EZ	RK	HS	DE	DU	RX	SV	BJ
XR	YP	VQ	VW	NG	AM	WD	EA	CW	LK
OP	OR	JF	PC	AQ	LY	IK	NE	AJ	BO
QB	AM	EF	MH	BY	RP	NG	HX	MX	AN
NL	LW	WZ	AX	IB	LY	DM	KH	RX	PT
41	42	43	44	45	46	47	48	49	50
VH	JJ	NQ	GA	NG	NB	SZ	XP	ZY	MH
AX	GE	KR	MB	PB	VK	IE	UW	VA	XJ
HK	KA	KI	PJ	HB	RI	ZY	MJ	PY	LF
ZG	PI	KJ	FF	KC	OS	NZ	SX	HH	HP
IZ	XH	XJ	RN	HC	SG	II	PT	SU	YC
XN	UK	MN	IU	UP	JD	PG	LM	QC	ZX
51	52	53	54	55	56	57	58	59	60
FR	EN	AT	GS	OF	UL	SP	VF	CE	ZX
UI	AJ	PM	VF	OV	CT	NH	HN	AO	FO
UA	ZM	PV	RS	ZR	QU	ZR	DP	DY	UR
UX	LH	ET	UE	HA	TB	AT	OQ	PG	JP
XZ	JW	QM	LU	LG	MF	DX	NI	QI	NY
IG	ZI	AO	YQ	UH	FR	HO	OY	BA	SN

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
GE	TK	BG	SS	OF	QX	MQ	FN	EE	DY
MI	QT	XE	RZ	EJ	MK	OF	VP	MN	IA
TZ	YF	PD	SU	HV	SU	EJ	NC	NE	BR
ON	CC	TX	SF	KB	GD	AE	JQ	IB	KQ
XD	KC	MX	EZ	CF	RR	TT	UN	QN	TB
OZ	FO	EO	FN	QP	DO	TO	QF	LV	FO
11	12	13	14	15	16	17	18	19	20
AW	GU	QA	IH	NB	IC	BO	RF	CW	TT
MW	HF	KY	LW	TR	LU	OR	PE	SX	LG
YU	JZ	IA	FK	XY	EJ	VM	PF	KB	CE
SO	YG	GO	LY	LW	FJ	QO	JZ	PP	KM
NO	WI	AM	OK	NR	OF	FN	ML	BX	KN
UQ	XL	EG	KU	VU	HJ	ID	SI	PH	TD
21	22	23	24	25	26	27	28	29	30
YI	IE	WV	PX	SZ	KN	PH	YU	OI	PK
CW	UL	AM	UQ	TN	TS	WC	WS	YM	QQ
MB	DB	JC	WY	KM	IN	IC	YJ	PS	ZJ
GT	CC	VZ	VT	LM	KX	NO	ZX	RW	VB
IE	OQ	HM	AX	FZ	GL	TJ	OP	IJ	JT
WU	QK	IQ	HZ	MD	BU	IQ	LQ	CL	NI
31	32	33	34	35	36	37	38	39	40
LU	TE	DI	TL	SC	FO	WW	YF	MG	FZ
KH	TS	XF	IA	RV	ID	QC	HT	KB	FC
EK	QB	GP	HT	VN	SF	UM	YR	RG	SI
CA	MS	DT	LN	VR	QA	BH	BI	WJ	BS
WT	YR	FW	IX	DA	GF	BS	YE	MK	SH
BI	HC	QJ	KM	TM	FP	FE	GL	AP	IE
41	42	43	44	45	46	47	48	49	50
QO	JS	GI	XT	SP	AT	YI	VO	SG	BL
SG	BY	KI	JL	XR	PO	GZ	HN	HE	GZ
TH	TR	PO	GI	VH	TN	OV	LZ	DV	LB
MA	PT	AX	GI	BN	IU	UB	MK	QT	TM
AM	ZP	IL	OL	HZ	MU	AC	NB	ZU	KA
IS	VC	UI	NL	BG	XC	TX	RB	JG	NQ
51	52	53	54	55	56	57	58	59	60
FZ	KG	BY	HB	SR	CA	KX	DF	GR	QH
XO	KR	LC	TV	IG	LO	GW	UI	UC	JN
UL	OF	JR	KP	JB	XH	PH	YA	KS	VS
YH	GF	DB	NY	EW	LY	HZ	DR	RO	GA
PD	HE	LG	EV	ZA	OY	IV	DL	WQ	JA
MU	ZU	UC	LM	QS	MF	VU	KH	BP	DB

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
PR	ZX	MC	JJ	ST	JF	OI	ZI	LL	UC
DH	IZ	CT	HE	IK	FY	BE	WO	HF	XZ
YH	EM	QE	VC	QQ	EU	YN	UA	GB	FO
ML	NO	PJ	CW	OA	WN	HB	ZX	GV	ZW
LE	RJ	SL	KY	NP	NZ	AA	OQ	JR	NY
RK	LY	LL	WR	GW	OR	AG	BS	RL	RF
11	12	13	14	15	16	17	18	19	20
BF	FB	FT	SP	KF	OC	QZ	BB	LX	TR
TI	JU	OL	MG	WE	LX	JR	ZP	LS	FW
YT	YO	TZ	PE	XJ	WR	RG	LG	RY	MN
CY	LL	QL	BB	DG	XB	ZW	QS	WF	XT
PT	LH	ZW	NR	UA	EX	ZQ	IP	CJ	RF
QP	HP	LX	II	DG	BT	AN	AA	JO	RE
21	22	23	24	25	26	27	28	29	30
OW	BO	MK	EO	UV	UK	LC	AW	ZI	ED
PG	WP	UX	PD	LG	IA	CK	PP	UT	EO
PY	ZA	AZ	XA	IC	EX	JB	MD	YB	HK
IP	KL	ZZ	AU	TF	II	DH	JE	HH	FP
JJ	MS	KY	WJ	AD	TJ	TE	US	EV	MX
AV	GD	DP	IK	WN	ZG	XL	ZI	KV	RK
31	32	33	34	35	36	37	38	39	40
YL	TR	PO	KT	JX	RJ	SX	NW	NW	GK
KF	RH	RQ	QB	LI	MK	TG	CJ	VM	CE
JU	OC	RC	YF	YF	PJ	LH	QC	XH	EI
PR	TI	YV	RT	HU	YR	ON	UG	PS	LO
YB	XJ	IO	MF	VR	OK	IH	TH	CK	AK
EZ	CT	MW	ZB	PL	PN	MN	WV	BJ	BW
41	42	43	44	45	46	47	48	49	50
AP	HI	XA	QA	KQ	KP	PM	JC	JI	DY
TT	LG	GI	BH	RC	ES	SL	BP	LR	PW
HA	MX	MV	ZV	ED	UY	WF	ED	OG	LG
JQ	YB	BZ	QN	QG	KY	GX	WT	SW	PW
ZJ	VW	PZ	AD	FL	JP	BI	QD	HH	RY
NB	XU	ZT	NR	PC	OP	LJ	LA	JM	EP
51	52	53	54	55	56	57	58	59	60
XN	EZ	VU	CD	CU	BP	WZ	JV	SW	MI
ZB	XL	LJ	LU	VQ	KT	EO	SA	JV	DL
PF	BL	EK	GX	HT	FG	VD	SG	NE	BI
UL	CY	AU	YJ	QC	VF	HW	RM	HX	JO
RO	VM	SN	SF	RT	OM	FQ	KF	LJ	PB
LK	HS	GY	EN	VO	CN	DY	ZV	MS	BE

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
LP	QR	GB	WR	KL	TV	WA	OC	YT	QU
HT	HL	RG	GD	YH	HK	XX	CD	YY	VJ
KO	EG	PS	JN	MZ	HT	TP	EK	WL	NV
TV	FR	TH	VR	GQ	BQ	FF	XU	YG	IK
GQ	EZ	FJ	JB	UX	XO	TC	FM	KA	ER
RF	IW	LF	RJ	MA	US	QZ	SW	IC	YD
11	12	13	14	15	16	17	18	19	20
AV	RT	YX	FJ	YJ	AP	OJ	MZ	PE	JB
EE	UV	DN	RL	PP	PP	LH	IJ	EN	SD
XT	SM	CF	LS	JV	TO	ZO	JC	BA	OR
QD	GB	LP	KP	DD	SA	WL	MZ	RY	RA
TL	PT	AY	WC	YK	TP	OZ	QZ	PB	PS
EI	SA	UF	AL	DS	MX	EB	RE	ZN	GY
21	22	23	24	25	26	27	28	29	30
YZ	NM	ZE	MP	FC	HJ	KZ	KF	FK	QJ
DC	GH	EX	LD	LS	CJ	SQ	WS	UJ	HZ
LO	IW	OS	BT	DR	CG	UJ	NY	HZ	CS
RF	BK	VY	CP	HJ	PS	XX	OM	QQ	FU
HI	BC	RO	BY	OE	RG	JS	QF	RS	UY
BJ	QZ	HF	MY	VS	SD	AT	GS	IH	RX
31	32	33	34	35	36	37	38	39	40
LI	DV	BT	AS	LU	QN	EH	NM	NZ	KJ
RD	NS	XT	LF	AC	CL	LG	HN	ZH	FL
BW	ZG	EN	TS	ND	BF	HO	XE	HI	KI
LN	UX	TB	KS	IQ	EK	ND	QS	RK	KE
NM	JV	AG	ZI	PJ	QB	XL	YQ	MJ	JU
ZO	EN	SV	FJ	FQ	NT	CW	OD	DO	LT
41	42	43	44	45	46	47	48	49	50
YC	UV	NT	MA	DV	UD	KZ	QC	VW	LB
MY	VO	VK	RY	ZD	SX	GN	TU	GF	UJ
BP	ML	PD	NL	ZZ	MM	XI	AT	TS	SS
WK	PC	XJ	XE	OS	OQ	HB	CX	EQ	IE
PV	QN	ER	GX	JY	PF	JF	IG	OG	KD
YY	TG	ZW	DE	NM	IC	HZ	QM	QX	JZ
51	52	53	54	55	56	57	58	59	60
WY	FF	DO	LR	UW	UT	VO	ZV	LD	ZY
PI	BX	HR	JX	PS	XL	RD	RU	RC	MM
ZG	GV	VG	QH	JQ	FZ	ZG	WG	YG	EO
ZC	ZQ	FQ	LX	TX	JT	EQ	OZ	WF	HF
VM	EU	TB	BS	IG	GH	IG	YN	WJ	KQ
GU	KK	KY	KG	DR	MZ	ER	UX	SW	QB

Transmission Authentication Table

01	02	03	04	05	06	07	08	09	10
CW	IK	CH	YZ	QJ	QX	EA	IP	ZT	WD
KI	CP	ZX	NS	TD	UV	AC	GD	KF	CA
PT	XT	TF	JT	YF	WJ	NY	ZN	WM	GP
QA	LQ	DR	TN	XW	OM	QL	FK	RP	DQ
UZ	AI	YZ	WU	MC	KC	DV	TH	NM	VK
JJ	WA	VC	KN	RN	DM	ND	UL	DQ	GP
11	12	13	14	15	16	17	18	19	20
TQ	RX	MK	EZ	XZ	JH	JF	HE	IS	RZ
FV	LT	YG	FC	XL	RQ	CI	OO	TT	OQ
SX	YC	DF	GL	XY	LD	TW	XS	DC	UA
NL	RQ	UF	FN	YT	ER	RC	TU	IA	GG
YR	KS	OH	LR	JF	RX	RI	OM	OT	AM
NE	EE	HX	ZQ	YF	XW	WH	PK	PA	BZ
21	22	23	24	25	26	27	28	29	30
GT	WX	BL	KP	EK	CS	OG	WW	EV	MD
AK	ZX	RP	HH	PJ	GV	CD	TD	OE	TS
OW	KD	CH	ZH	DM	KD	WK	AO	ZI	VP
RC	LT	FF	XT	JQ	MX	MX	BP	EA	XH
NI	LK	SM	ZS	UV	IM	XT	FD	ZC	WI
TJ	GG	GH	VL	IT	TV	BE	GU	RF	NL
31	32	33	34	35	36	37	38	39	40
BV	XY	PD	BP	GY	XZ	HD	FO	KB	ZS
VS	OW	XV	RO	BF	AC	BY	BR	BC	GH
BD	HJ	HN	XS	PX	LK	QZ	HN	VZ	BW
EC	YF	AZ	WB	CC	JE	GQ	NN	DL	FT
IQ	DY	QL	LL	KN	IO	QH	TQ	GP	SJ
SB	OY	RC	LV	NR	PV	IS	UY	DG	KN
41	42	43	44	45	46	47	48	49	50
US	CK	ZV	AG	LS	QD	UF	CM	HO	HU
FW	QN	PK	MT	QX	HL	QJ	VQ	EW	XQ
PN	UJ	TW	VA	LD	UR	AL	FP	WR	JM
PQ	YF	ZT	VE	QS	UF	GP	OZ	MK	ZX
NU	ON	GT	DC	LM	PA	CN	FC	HB	GX
TB	CA	QR	ZC	BZ	AO	UO	CA	IF	DT
51	52	53	54	55	56	57	58	59	60
SS	UU	FZ	WN	AD	KU	EN	UV	FU	YG
TY	VO	NY	PW	DS	PV	KK	QQ	JN	EK
RO	FV	CZ	RH	TP	ON	OK	BB	IQ	XL
JN	HT	XY	KH	MO	SD	DX	ZG	XQ	NR
FC	ET	MG	VU	XT	GG	HN	AE	ML	MY
AE	BD	CA	JZ	RX	RX	ZV	QM	CM	GZ

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	KGQS	EIC	JBP	LU	NH	TFO	DR	XV	AM	YW
B	NTEX	IYD	PFU	WG	KC	QJB	LO	RS	VM	AH
C	QRUD	VJA	MHG	TX	NS	KPB	FL	CI	EO	WY
D	DOCY	PGH	FIS	VN	BT	EXL	RW	UJ	QK	AM
E	LCUM	RDP	HVB	QY	OK	ISA	EJ	NX	GT	WF
F	TJPL	WAQ	KYX	UE	RF	IDC	HB	OS	GN	VM
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	YPHE	CUJ	AGL	NI	TX	KRV	MD	QB	SW	FO
H	DGIC	RQP	NHF	AS	EX	VLV	WK	JO	UB	MT
I	YAJL	EWC	DQF	PI	BK	VTR	NM	HU	XG	OS
J	QFYV	KPT	DAJ	HB	XI	URO	GW	SE	MN	LC
K	DYTX	KGO	CHI	JP	WL	RBF	UE	SV	MN	QA
L	VHYE	BTW	JOS	QM	DU	XPR	FL	AK	GC	IN
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	JTQG	BOA	DYU	KI	XR	VMW	NC	EL	FS	PH
N	VLUX	GWE	NTC	DB	OR	JMP	FK	SA	YH	QI
O	LDKT	HAV	YIX	JG	ME	FOC	SB	UQ	PN	RW
P	BSAH	FYT	MLG	XC	JW	VUQ	DP	EO	KN	IR
Q	HDTB	FEX	POQ	WN	YJ	IRK	GV	LS	UC	MA
R	GFKL	HYS	UMO	AN	WT	VXC	JP	QR	BE	ID
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	THEM	QFP	JVI	DG	LS	AON	UW	KY	CR	XB
T	CMEF	GRP	KYJ	TL	SD	UQX	NA	OV	BI	HW
U	GKDH	FER	JCO	AU	VS	INL	QM	PB	XY	WT
V	LSQR	HOP	DAX	MW	YU	CTK	BF	VI	EJ	NG
W	WSRH	UOD	JMN	AV	EP	QIK	CF	TX	BG	YL
X	CUID	SHO	MWN	FB	QJ	PTK	VE	LR	XG	AY
Y	CGRL	TSW	NAH	UE	YJ	PXM	BQ	VD	FI	KO

Notes

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	DGFO	SUT	QRV	LY	JA	IXC	WK	PE	NH	MB
B	HOAW	URC	QPE	MY	SI	KGD	JB	FL	TX	VN
C	GCLA	BUF	RHD	MP	NE	SKV	IW	JQ	YX	OT
D	ICEF	TSY	JKA	GX	BR	NDL	HM	WO	VU	QP
E	EQIU	BMN	XAG	FH	PR	DOS	YW	TL	KV	JC
F	OGVY	HAC	BFI	JR	KD	QWX	NT	EP	SL	UM
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	NEWS	RJF	QIC	GT	MB	OLK	HD	AY	UX	VP
H	LOEV	CMS	TID	XA	YN	GHR	KJ	WP	FU	QB
I	KCMN	EYF	VBQ	HI	JD	ASU	LG	TX	PW	RO
J	NLKO	RCQ	EJF	WT	XU	MYS	HG	BD	PI	VA
K	XQAP	FYE	TVN	JB	US	WDC	IK	LO	RM	HG
L	QGHV	ADU	COF	BE	XN	SMT	IK	YL	WJ	PR
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	CHXS	GJB	RPM	ED	IO	YTL	VW	QN	UK	FA
N	TQMO	CGP	SEA	KD	WF	YUB	RH	NL	IX	JV
O	NHEX	TQW	BMD	GP	KJ	YFA	RS	IL	VC	OU
P	RBAC	SLF	XPQ	TD	JI	UOY	MK	WG	VE	HN
Q	IQPJ	RUY	GTO	AW	CV	SLD	HF	NM	BE	KX
R	RDYU	MOV	SIA	LH	BK	PGW	JC	FX	QE	NT
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	DRBL	KEF	OPW	SV	QC	YUT	IG	HX	MA	NJ
T	MYPI	EDX	CHV	LJ	FR	ONG	AT	WB	SK	QU
U	FSKA	ORP	EWB	DQ	MC	BIL	JY	NG	TX	VU
V	NHCV	MYT	PSW	GX	BD	FAQ	KI	RJ	OE	LU
W	SBCJ	VKQ	HRX	OW	DA	EMY	GL	TP	NF	UI
X	HTAG	PCO	WBU	JI	QV	DEN	KM	YF	LR	SX
Y	RBSA	IUC	DKQ	EM	VN	OPY	FX	WT	JG	HL

Notes

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	MAXQ	CHW	URS	JD	KN	YBL	EP	OV	GI	FT
B	FERA	OLC	SQH	VK	NI	JGP	BD	YM	XU	TW
C	UNOE	QRP	VWL	MJ	XC	KAI	BT	DS	GY	HF
D	ATME	LUF	QPD	RB	IC	YHS	JX	ON	GV	KW
E	WRLK	TYQ	DCV	BN	OU	FXM	PA	JH	IS	GE
F	XFDU	MCE	IJH	TB	ON	GQR	LA	PY	VK	WS
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	QCUA	IVH	LRJ	DP	BW	NXF	ET	SM	OK	GY
H	VOUN	WDM	KFC	IS	QL	GTR	JH	PA	XB	YE
I	QYNH	FST	GPU	JK	IA	MXC	WO	RD	VL	EB
J	NIYH	FAU	VJB	DT	WX	LCG	SM	PK	OR	QE
K	CYOS	PFR	UKD	EN	LJ	BTW	HG	XI	QA	VM
L	GVJB	QSW	XTE	OI	YA	DMC	KN	FP	LH	UR
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	PKDW	OQF	TGL	HJ	BC	UXS	IN	MA	ER	VY
N	EBOG	IYK	SNW	QP	LH	RVM	XC	UA	JF	TD
O	SWIX	OLT	YHK	MP	NB	GUJ	QV	DA	FC	ER
P	EUPH	IJQ	ASM	BC	WV	LNR	OD	XG	FY	TK
Q	HYSP	KGB	URM	CX	ID	JNV	WO	QE	TA	FL
R	SRCW	UBK	YJM	HD	VF	EOA	XN	QP	IG	LT
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	BNVS	UCT	IFJ	XQ	RW	DPG	HO	KY	EA	LM
T	XKYI	JAF	HDO	RW	SN	PUV	CG	LB	TM	EQ
U	KOPS	WEY	JFM	CL	QU	GXI	RD	AB	TH	VN
V	QILY	VHW	JKP	DO	FR	TNB	UE	AX	SC	GM
W	LFYN	REQ	UGD	PT	KV	CJB	WS	AO	MH	IX
X	CTJB	YWU	IOE	DQ	HP	VKR	LX	AN	MG	SF
Y	XSOJ	LHQ	UTV	GK	AB	CEP	MW	RY	DI	NF

Notes

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	NABK	VUE	WQM	PG	LX	RDJ	TO	SF	CH	IY
B	ITSU	BGH	MCA	YX	DN	WJV	KP	RO	LE	QF
C	AJVF	RLT	EXD	YG	OC	BNK	UH	IQ	PS	MW
D	LVRU	DKM	PHC	IE	GT	FOA	BN	JS	XW	QY
E	UPHG	JXY	AMR	TO	LB	WNE	IF	VQ	SC	KD
F	IJCL	VOD	RUF	TS	XP	MHA	YN	BE	GK	WQ
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	YMCK	VAH	GOL	PF	DB	SET	RU	JW	IQ	XN
H	EKDV	TFA	USR	WG	HX	LIJ	CM	OQ	BY	NP
I	DPMW	BVF	AIJ	UX	NG	EQL	YS	OT	KR	HC
J	LKTI	MRP	JQU	HW	OY	XSC	BG	VA	ED	FN
K	DGEO	HLP	RYN	XI	KT	VSM	WB	CF	JU	AQ
L	VYGW	JXP	OSH	FI	DB	UQN	LM	KT	RE	CA
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	YPHJ	OEX	VUK	AR	LG	DIC	SF	NM	WT	QB
N	WGJO	PYD	LIR	FB	HS	KNE	MU	AT	VX	QC
O	ACXF	ILK	HNQ	SG	PM	UEB	JY	WV	OT	DR
P	JEVB	SUK	RPW	LN	AQ	IFG	DO	HM	CT	YX
Q	VXGE	CWM	FIU	RQ	KA	PDH	BT	LJ	NY	SO
R	EXGY	FUS	TLI	CR	AH	JBD	QM	OW	KN	PV
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	TXJB	MFR	COW	IS	KQ	EPH	LD	VA	YN	UG
T	AWPY	RGM	DKC	QO	UE	XJB	FI	VN	TL	HS
U	PLOI	EWV	KUJ	QF	HC	TNM	DX	YG	RA	BS
V	YVXW	KBH	ELR	DC	TS	PMI	JA	NQ	FG	UO
W	ELJN	XMW	DGU	FK	CB	HIR	YO	VT	PQ	AS
X	HMBJ	NOG	AKI	SC	VP	EYW	DQ	FX	TU	LR
Y	FOHC	NJL	UWM	PD	XI	SQV	AB	KE	GR	TY

Notes

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	CSMY	IRH	GOA	VT	PJ	UBD	NQ	FK	LE	XW
B	VUHY	ENA	LDI	RQ	KS	JBW	MF	TO	CX	GP
C	WYPK	LDS	ARU	HI	QE	FCN	BT	OJ	XM	GV
D	JMFS	ALI	WKD	VN	YX	RCT	BQ	UH	EP	OG
E	NUTA	ODQ	EMH	FJ	KV	ISG	RC	XL	WY	BP
F	VWDP	NXJ	KLA	TH	EM	BFR	SO	GY	CU	IQ
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	BQXD	ULR	IWV	NJ	EY	KAO	GM	CH	PF	ST
H	GPNL	WQF	CKI	OY	JV	TXE	HU	RS	AB	MD
I	NTCJ	XOR	KDS	WV	BQ	MYA	LE	HF	UG	IP
J	PHXW	GTD	IYM	SF	JK	AOR	LQ	UE	VN	CB
K	PGFS	LMX	EIO	HD	RW	ACB	KT	NY	UJ	VQ
L	QWLY	AIO	MCX	BE	KV	UJF	SR	DT	GP	NH
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	KVUW	PJX	OSE	MF	DY	ICB	QA	NG	LT	RH
N	JWLQ	IKH	SNC	BY	OT	VRM	PA	ED	UG	FX
O	RBOX	NIS	JVM	EF	YC	ADK	QG	PT	HU	LW
P	TVJB	NMU	DWR	GI	SO	KEC	XQ	PF	LY	AH
Q	VAIL	DHF	GRX	UE	KB	OTN	JS	YQ	PC	WM
R	IGVD	HUS	YXQ	PM	LN	BEK	FR	AT	CO	JW
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	AXLM	OWJ	PTF	BE	UD	QVK	RG	YH	IC	SN
T	QJFS	YNU	IWV	KH	ER	BDO	PX	TG	MA	CL
U	HBIJ	UQE	WNF	LS	DX	PVA	MG	TR	CY	KO
V	XGCJ	LFH	YRD	IS	PT	WAQ	ME	OK	BN	VU
W	AMVP	CDL	HTO	FU	BQ	WIG	SR	XJ	EY	KN
X	WTMI	EPD	FBN	XK	CO	LJA	GV	UR	YQ	SH
Y	SERT	OJV	WMC	YG	NL	QBA	KU	HX	DI	FP

Notes

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	GEQH	OMU	TXA	PW	KY	NLV	ID	FB	JS	RC
B	ENXO	ART	GKJ	FL	PU	QWC	SM	YV	IB	DH
C	IMNU	ECR	DXT	GL	VJ	PSB	WA	KO	YQ	FH
D	DMYT	BUH	JWV	KP	XI	AEN	SQ	LR	GF	CO
E	NHRU	CTV	SQY	PK	GE	OAX	ID	FM	BL	WJ
F	EWRH	OLQ	XYB	TF	JG	KVA	PC	NS	DM	IU
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	ONXQ	SUY	DLM	RT	WJ	FCK	AB	PV	HI	EG
H	FOJT	XPG	AKH	EL	UR	DSB	YV	IC	MQ	WN
I	VMYI	SOF	LPT	XB	CQ	UJN	RK	EG	HD	WA
J	OXGS	JYF	HDC	NW	IR	MPQ	KL	UE	VB	AT
K	BKUV	PRQ	XGN	JC	LE	FOH	IA	YS	TW	DM
L	ERXK	SWJ	OYA	HC	MB	VPF	IU	QD	NG	LT
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	XBPJ	ELH	GDU	IK	YV	RWN	FQ	CT	SA	OM
N	XKUC	PLW	JTS	FB	NV	MYH	DR	OA	EG	IQ
O	PAKO	BSY	WJC	EQ	FR	TMI	LX	NH	DU	VG
P	NHDI	RUA	BPL	JK	YT	SCE	XO	GM	FW	QV
Q	INMH	GXV	YKJ	LP	CT	QWS	RD	AF	BE	UO
R	TQHI	PRG	XOY	NU	LV	MKB	SJ	FD	WE	AC
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	FOAK	TQI	YMG	WP	UV	DCB	RN	XJ	SE	HL
T	DNAJ	CKO	FWE	GV	TH	LMY	QX	IU	BP	RS
U	WFUB	KOR	JAV	LM	GX	CYT	EI	NQ	SP	HD
V	XOVH	QPY	NSK	TL	CF	GBU	DA	EJ	MW	IR
W	HKIY	AWU	SXB	ED	RF	VPO	GT	JC	MN	QL
X	SWKP	TFA	YIL	DR	UJ	XMB	OC	NG	VQ	EH
Y	YIJO	TBK	PVW	RU	LG	HNC	SA	QE	XD	MF

Notes

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	CWFU	AQN	YOH	GT	EK	SDI	RM	VX	BL	JP
B	YLXU	TJQ	HMG	SD	RP	KBN	VE	AC	OW	FI
C	PEXT	RHJ	WMN	GA	US	VYD	KO	BQ	LC	FI
D	JSQM	BNX	WUC	TI	RY	DLP	VF	KG	HA	EO
E	UVPX	OCN	QFA	YE	RD	GBJ	TL	HK	SM	IW
F	AQGD	RKS	BFH	UM	NT	VCI	YX	OL	EP	JW
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	GTJH	OFY	SND	LE	AI	QMB	KV	WC	UR	XP
H	AERW	NDK	XOP	IT	LJ	BCG	FS	QU	VY	MH
I	TSLR	YXN	JUW	OD	MH	GVI	EK	AP	FQ	BC
J	QDLS	TCE	XVB	HA	RG	IFM	YW	ON	UJ	KP
K	KSNJ	MEP	IWL	HD	BR	CTX	AO	QU	FV	GY
L	FAOG	JRD	YPW	TS	HC	VLU	QI	XE	MK	NB
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	JAUN	ERX	SKG	HW	DL	OBQ	PF	YC	IV	MT
N	PKTB	YAM	DHO	QX	US	JIR	NC	WE	LV	FG
O	UWHB	JYC	NVR	OI	PL	DQK	MF	TG	SX	EA
P	VDLR	GMJ	QKC	FW	BH	OYX	EI	TS	AN	PU
Q	XMWU	PCK	SVD	QE	TR	HGB	YF	IO	LJ	NA
R	IFNO	PLV	RHC	SA	WT	MGE	DQ	YK	XU	JB
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	MOKS	QIU	GPL	VR	WD	YNT	CF	AB	HJ	EX
T	PUVT	FDX	CGO	IW	JR	KBL	MY	HA	EQ	NS
U	QKXL	TCF	YNE	GW	IS	HPO	RM	VD	BU	JA
V	VOYA	LPD	SWE	BR	CM	GUI	NQ	JT	HX	KF
W	ESUL	AWC	RPD	VG	OM	JFX	IY	QB	TH	NK
X	DJNX	BHI	UFW	KC	EM	YPS	TG	VA	OL	QR
Y	WBSM	HXN	TQJ	VG	IE	YOL	KR	UF	AC	PD

Notes

Cipher Table

	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
A	QHBA	KRE	XVP	IG	SU	LWJ	YT	OD	FN	MC
B	KPAQ	TMH	CYO	RX	DB	GFV	EI	LU	JW	SN
C	WFCS	UGT	BPI	EM	VH	LDO	YQ	XR	AK	JN
D	VSQM	PRF	DEL	CY	JG	THX	WK	IU	AB	ON
E	VSTG	WNI	RYM	CP	QJ	EFX	LB	HU	KD	OA
F	LVCE	NUF	PIO	YJ	XH	RGT	BQ	AK	MS	WD
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
G	GEFO	VUQ	XCM	YR	ID	KBT	PJ	SW	NH	AL
H	VBGY	QDI	HAK	LM	JX	FWP	RU	ST	CE	NO
I	RNTV	QMA	LHF	YI	CE	DGO	SU	PW	JX	KB
J	HATI	UBF	QKO	GV	JP	XNW	CM	SR	ED	LY
K	NCTY	BUG	PAL	QD	EH	JWV	XO	MK	FI	SR
L	UWPN	OGD	MCE	TR	JL	YBI	VX	SH	QK	AF
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
M	UQMB	JES	LKO	NR	HG	APC	XD	WY	TI	VF
N	KVEF	YPI	BCL	XW	TQ	UOS	JG	DR	NA	MH
O	WMGR	VQA	KDL	IY	XB	TJO	HN	CP	SE	FU
P	FTGQ	YLO	BCI	UM	PE	VXH	SJ	RN	AD	WK
Q	VEGW	SJT	DYP	KF	LU	AOI	MB	XC	NQ	HR
R	GPYU	XDR	VAL	BF	WQ	HON	ES	TI	CK	JM
	ABC	DEF	GHJ	KL	MN	PQR	ST	UV	WX	YZ
	0	1	2	3	4	5	6	7	8	9
S	CFMG	TAK	UXY	LW	JB	EIO	SQ	NV	PD	HR
T	FQDT	KVE	OCJ	XI	BG	UPA	HR	NS	YL	WM
U	OKVM	YXB	WIU	HA	JP	RDT	LQ	SN	GE	CF
V	NLCK	QGD	MPE	WJ	BY	UOF	VX	AT	IH	SR
W	WOTJ	HKQ	MCY	IN	XA	EDR	GL	SF	BU	PV
X	MLWO	NEU	BVJ	GP	AQ	RSY	TC	HK	XF	DI
Y	KHXW	TVA	MUR	PB	YE	INS	FL	JG	CO	DQ

Notes

Word List (ENCODE)

A	LWQ	HWD
OVP Abatis	TVW Admit	UMB Also
XHJ Ability	GCW Advance-d	PUL Alt CP
AEH Able	VHS Advance-ing	GDN Alt CP In Cmd
TCZ Abort-s-ed	MWA Advise	YVJ Alt Supply Rt
WCI Aborting	RBJ Affirmative	HUT Alternate
MOQ About	UQF After	QYX Am Prepared (to)
AWK Above	NZF Age	EOW Ambulance
NQU Accident-al-s	UFM Agent-s	JWC Ambush-ing
DOW Accomplish-ed	VQS Air Evacuation	PUF Ambushed-ed
GUE Accomplishing	GBQ Air Force	RCB Ambusing-ing
ZIA Acknowledge	WVK Air Support	VWO Ammo
PGI Act As Relay	TCM Airborne	WMI Ammo
ZGM Act-ing-s	PXU Airdrop-s	ISL Amphibious
GZO Act-ion-s	IKR Airfield	VRH Amphipious
FVR Act-ive-s	ICS Airmobile	FZB And
OIF Active Defense	SWI Alert-ed-ing	ZPA Answer-d-ing-s
EIC Activity-s	YJI Alive	WUO Any
OVT Add-ie-itional	DDO All	TDL Approach-ed
JZH Add-ing-s	QZE All	WTF Approach-s
FGB Adjacent	IFG All Cdr Rpt	BKH Approaching-ing
KGK Administration	XCB All S3s Rpt	DFE Approve-al

Word List (ENCODE)

A

RCQ Approve-d-g
AKJ Approximat-ly
MGA Are
UMZ Area-s
WLP Arm-s-ed
WHK Around
LAN Arrange-d-ing
WWH Arrange-ment
BYR Arrive-d-ing
JCX As
OTA As
EUK As Of Time
NHQ ASAP
OBC Assault
OXO Assemble-d
DUV Assemble-ing
NFW Assist-ance
BBT Assist-ed-ing
IDS At
ANU At
YBO At (once)

YGI Attach-ed-ing
IUQ Attach-ment
ZJR Attack
CXP Attack-ed
QBJ Attack-ing
MPP Authorization
JQR Authorize-d
CZV Authorize-ing
VAI Available
PYK Axis (of)
DWR Axis Is From
MFL Azimuth (of)
CFU Azimuth Is

B

UHS Back
JYT Back-ed-ing
TKI Bad
JUZ Balanced
AXY Barbed Wire
VSY Barrage-s
EHX Barrier
OKT Barrier Plan

FXZ Base-d-s-ing
RZE Battle-s
MTL Be
EDK Be
YWV Be Alert
GFP Be-en-ing
GGM Beach-ed-s
FBE Beach-ing
EFL Because
BUW Before
UAT Behind
UST Below
YEN Between
KJQ Beyond
UHN Black
POT Bleed
EUZ Block-ed-ing-s
RZB Blood
VDH Blow-ew-own
HFB Blow-ing
DAC Blue
XUU Boat-s

Word List (ENCODE)

B

QSY Bomb-d-r-s
DCH Bomb-ing
TWP Boundary-ies
HMD Breach
ARY Break/broke-n
ZIY Bridge-d-ing
ADB Bridge-s
HKH Build-ing-s
JOH Bulldozer
LLB Bunker-s
FCT Burst-ing-s
EFW By
MZT Bypass-d-sing

C

BGF Cable-s
FHW Caliber
DGE Call
BHI Camouflage-d
DPS Camp
KYG Canal-s
RKS Cancel-led-s

TQU Cancel-ling-s
MUA Capable-ility
JHZ Capacity-ies
CIG Capsule
HON Capture-ed-ing
ERU Carry-ied-s
ITC Carry-ier
QWR Casualty-ies
JHQ Cease-ing
QYB Cease-s-d
JRR Center Of Mass
DEM Center-ed-ing
DOT Ceoi
DQC Challenge-d
JYR Challenge-ing
XCI Change-d-s
RLB Change-ing
TCY Change-ing
LMF Charge-d-s
BCE Check-ing
CLW Cheif
UPB Chemical-s

GSP Chief Of Staff
AVF Civil-ian-s
DFE Clarify-ication
UDG Class-ify
DVS Classification
FPU Clear-ed-ance
DAG Clear-ing-s
JCJ Close-ed-ing
NFV Coast-s-al
KZK Collapse
LGD Collect-ed-ion
AHZ Collect-ing
GKE Columns
KFH Come-ing-s
RID Command-er
KOS Command-ing
FRS Command-post
MBU Command-s
VPA Commence-d-ment
QZA Commit-ing
BLG Commit-ment
ELO Commit-ted

Word List (ENCODE)

C		DUK Contact-ing	GTW Green
DSZ Company-ies	HUC Contaminate-d	TOF Group-s	
IDE Comple-tion	GHO Contaminate-ion	L	
QVN Complete-d	LWL Continue-ation	AMU Left Boundary	
TFB Complete-ing	BFM Continue-d	O	
LLT Compound	PKN Continue-ing	PZV OK	
EXV Concentrate-d	VZM Control-d-s	AXX Orange	
ZSK Concur	KZL Control-ing	R	
ZJK Condition	LVR Conversation	SIP Rear Boundary	
ZKV Condition-d	BYR Convoy-s	UHB Right Boundary	
GPH Condition-ing	KBM Coord-ing	S	
UTA Conduct-ed	VIH Coord-s-d	WSY Section-s	
UBD Conduct-ing	YPO Correct (me)	T	
ZSZ Confidential	MAL Correct-ed	XPG Team-s	
NLF Connect-d	YCR Correct-ing	V	
PXQ Connect-ing	LRC Craft	UDQ Vehicle-s	
JBN Connect-ion	YMB Crane	W	
EAG Conservation	F	PJJ White	
PZP Conserve-d	LXB Ferry	Y	
ZZA Consolidate-d	WIW Fork Lift	MCY Yellow	
VFP Consolidation	G	RDK	
DAJ Contact-ed-s	OJV Green		

Word List (DECODE)

A

AEH Able
AHZ Collect-ing
AKJ Approximat-ly
AMU Left Boundary
ANU At
ARY Break/broke-n
AVF Civil-ian-s
AWK Above
AXX Orange
AXY Barbed Wire

B

BBT Assist-ed-ing
BCE Check-ing
BFM Continue-d
BGF Cable-s
BHI Camouflage-d
BKH Approaching-ing
BLG Commit-ment
BUW Before
BYR Arrive-d-ing
BYR Convoy-s

C

CFU Azimuth Is
CIG Capsule

CLW Cheif

CXP Attack-ed
CZV Authorize-ing

D

DAC Blue
DAG Clear-ing-s
DAJ Contact-ed-s
DCH Bomb-ing
DDO All
DEM Center-ed-ing
DFE Approve-al

DFE Clarify-ication

DGE Call
DOT Ceoi
DOW Accomplish-ed

DPS Camp
DQC Challenge-d

DSZ Company-ies

DUK Contact-ing
DUV Assemble-ing

DVS Classification

DWR Axis Is From

E

EAG Conservation
EDK Be

EFL Because

EFW By
EHX Barrier

EIC Activity-s

ELO Commit-ted

EOW Ambulance

ERU Carry-ied-s

EUK As Of Time

EUZ Block-ed-ing-s

EXV Concentrate-d

F

FBE Beach-ing

FCT Burst-ing-s

FGB Adjacent

FHW Caliber

FPU Clear-ed-ance

FRS Command-post

FVR Act-ive-s

FXZ Base-d-s-ing

FZB And

G

GBO Air Force

GCW Advance-d

GDN Alt CP In Cmd

GFP Be-en-ing

Word List (DECODE)

G

GGM Beach-ed-s

GHO Contaminate-ion

GKE Columns

GPH Condition-ing

GSP Chief Of Staff

GTW Green

GUE Accomplishing

GZO Act-ion-s

H

HFB Blow-ing

HKH Build-ing-s

HMD Breach

HON Capture-ed-ing

HUC Contaminate-d

HUT Alternate

HWD Alley

I

ICS Airmobile

IDE Comple-tion

IDS At

IFG All Cdr Rpt

IKR Airfield

ISL Amphibious

ITC Carry-ier

IUQ Attach-ment

J

JBN Connect-ion

JCJ Close-ed-ing

JCX As

JHQ Cease-ing

JHZ Capacity-ies

JOH Bulldozer

JQR Authorize-d

JRR Center Of Mass

JUZ Balanced

JWC Ambush-ing

JYR Challenge-ing

JYT Back-ed-ing

JZH Add-ing-s

K

KBM Coord-ing

KFH Come-ing-s

KGK Administration

KJQ Beyond

KOS Command-ing

KYG Canal-s

KZK Collapse

KZL Control-ing

L

LAN Arrange-d-ing

LGD Collect-ed-ion

LLB Bunker-s

LLT Compound

LMF Charge-d-s

LRC Craft

LVR Conversation

LWL Continue-ation

LWQ Administrative

LXB Ferry

M

MAL Correct-ed

MBU Command-s

MCY Yellow

MFL Azimuth (of)

MGA Are

MOQ About

MPP Authorization

MTL Be

MUA Capable-ility

MWA Advise

MZT Bypass-d-sing

N

NFV Coast-s-al

NFW Assist-ance

Word List (DECODE)

N		PZV	OK	TCY	Change-ing
NHQ	ASAP	Q		TCZ	Abort-s-ed
NLF	Connect-d	QBJ	Attack-ing	TDL	Approach-ed
NQU	Accident-al-s	QSY	Bomb-d-r-s	TFB	Complete-ing
NZF	Age	QVN	Complete-d	TKI	Bad
O		QWR	Casualty-ies	TOF	Group-s
OBC	Assault	QYB	Cease-s-d	TQU	Cancel-ling-s
OIF	Active Defense	QYX	Am Prepared (to)	TVW	Admit
OJV	Green	QZA	Commit-ing	TWP	Boundary-ies
OKT	Barrier Plan	QZE	All	U	
OTA	As	R		UAT	Behind
OVP	Abatis	RBJ	Affirmative	UBD	Conduct-ing
OVT	Add-ie-itional	RCB	Ambusing-ing	UDG	Class-ify
OXO	Assemble-d	RCQ	Approve-d-g	UDQ	Vehicle-s
P		RDK		UFM	Agent-s
PGI	Act As Relay	RID	Command-er	UHB	Right Boundary
PJJ	White	RKS	Cancel-led-s	UHN	Black
PKN	Continue-ing	RLB	Change-ing	UHS	Back
POT	Bleed	RZB	Blood	UMB	Also
PUF	Ambushed-ed	RZE	Battle-s	UMZ	Area-s
PUL	Alt CP	S		UPB	Chemical-s
PXQ	Connect-ing	SIP	Rear Boundary	UQF	After
PXU	Airdrop-s	SWI	Alert-ed-ing	UST	Below
PYK	Axis (of)	T		UTA	Conduct-ed
PZP	Conserve-d	TCM	Airborne	V	

Word List (DECODE)

V

VAI Available
VDH Blow-ew-own
VFP Consolidation
VHS Advance-ing

VIH Coord-s-d
VPA Commence-d-ment

VQS Air Evacuation

VRH Amphipious

VSY Barrage-s

VWO Ammo

VZM Control-d-s

W

WCI Aborting

WHK Around

WIW Fork Lift

WLP Arm-s-ed

WMI Ammo

WSY Section-s

WTF Approach-s

WUO Any

WVK Air Support

WWH Arrange-ment

X

XCB All S3s Rpt

XCI Change-d-s

XHJ Ability

XPG Team-s

XUU Boat-s

Y

YBO At (once)

YCR Correct-ing

YEN Between

YGI Attach-ed-ing

YJI Alive

YMB Crane

YPO Correct (me)

YVJ Alt Supply Rt

YWV Be Alert

Z

ZGM Act-ing-s

ZIA Acknowledge

ZIY Bridge-d-ing

ZJK Condition

ZJR Attack

ZKV Condition-d

ZPA Answer-d-ing-s

ZSK Concur

ZSZ Confidential

ZZA Consolidate-d